

App. No. 09/576,188
Office Action Dated April 6, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 6 is amended.

Listing of Claims:

1-5. (Canceled)

6. (Currently Amended) A color picture tube apparatus comprising:

a color picture tube provided with an electron gun having three electron beam emitters and a phosphor screen on which electron beams emitted from said electron beam emitters impact, in a bulb including a front panel and a funnel;

a deflection yoke attached to a neck portion of said bulb and deflecting said electron beams; and

a pair of correction coils having an inner pincushion distortion correction coil and being provided at ~~the side~~ both sides of said electron gun in said deflection yoke and formed of cores with flat tip ends facing each other and conductive wires wound around the respective cores, the flat tip ends forming therebetween a magnetic field in the direction opposite to the vertical deflection magnetic field so as to provide ~~providing~~ said electron beams, ~~by a substantially uniform magnetic field, with a substantially uniform~~ preliminary deflection force in a vertical direction, wherein

a pair of diodes are connected in parallel having reverse polarities with each other to form a diode parallel circuit,

the diode parallel circuit and the inner pincushion distortion correction coil are connected in series to form a diode coil series circuit.

the diode coil series circuit and a resistor are connected in parallel to form an inner pincushion distortion correction circuit, and

the inner pincushion distortion correction circuit and a vertical deflection coil are connected in series.

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7. (Previously Presented) The color picture tube apparatus according to claim 6, wherein the correction coil comprises an E-shaped core.